| Ref<br># | Hits   | Search Query                                                                                            | DBs                                                | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------|---------|------------------|
| S1       | 1463   | determin\$3 near3 (data adj rate) with transmi\$5                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/03/10 12:04 |
| S2       | 85     | (WLAN (wireless adj local adj area<br>adj network)) with receiv\$3 near<br>((signal adj strength) RSSI) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/03/10 12:09 |
| S5       | 156    | indicat\$3 with (RSSI) and packets with acknowledgement                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/03/10 12:07 |
| S6       | 3628   | receiv\$3 with packets with acknowledgement                                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/03/10 12:08 |
| S8       | 274    | receiv\$3 with packets with acknowledgement and (WLAN)                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/03/10 12:08 |
| S9       | 63     | compar\$3 with receiv\$3 with ((signal adj strength) RSSI) with (look-up table list)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/03/10 12:48 |
| S10      | 368    | receiv\$3 with (data adj rates) with thresholds                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON .    | 2007/03/10 12:10 |
| S11      | 126207 | (comput\$3 calculat\$3) near<br>(throughput output amount)                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR .                | ON      | 2007/03/10 12:13 |
| S12      | 57351  | S11 and ((packet adj error adj rate)<br>PER)                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/03/10 12:17 |

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| S13        | 887   | select\$3 with high\$3 near (data adj<br>rate) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:17 |
|------------|-------|------------------------------------------------|----------------------------------------------------|----|----|------------------|
| S14        | 57351 | S11 and S12                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:18 |
| S15        | 37    | S13 and S14                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 13:02 |
| S16        | 3     | S1 and S2                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:18 |
| S17        | 86    | S5 and S6                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:18 |
| S18        | 10    | S8 and S9                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:19 |
| S19        | 20    | S10 and S11                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:19 |
| S20        | 37    | S12 and S13                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:20 |
| S21        | 37    | S13 and S14                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:20 |
| <b>S22</b> | 37    | S14 and S15                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2007/03/10 12:20 |

| S25 | 37   | S20 and S21                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 12:25 |
|-----|------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----|-----|------------------|
| S26 | 1    | "6760313".pn.                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 12:48 |
| S27 | 496  | (choos\$3 pick\$3 select\$3 adjust\$3 adapt\$3) near3 ((data adj rate)) with (error adj rate ber bir packet)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 13:03 |
| S28 | 13   | threshold near3 through\$put and threshold with (qos quality adj service)                                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 13:05 |
| S29 | 7831 | 370/252                                                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 13:05 |
| S31 | 345  | S29 and (select\$3 adapt\$3<br>adjust\$3) near7 rate and (ack<br>acknowledgement)                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 13:12 |
| S32 | 531  | (select\$3 adapt\$3 adjust\$3<br>modif\$4) near5 rate near3 (data<br>transmi\$5) with (feedback ack<br>acknowledgement acknowlegment) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 13:10 |
| S33 | 66   | S29 and S32                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 13:10 |
| S34 | 66   | S29 and S32                                                                                                                           | US-PGPUB;<br>USPAT                                 | OR | ON  | 2007/03/10 13:10 |
| S35 | 66   | S29 and S32                                                                                                                           | US-PGPUB;<br>USPAT                                 | OR | OFF | 2007/03/10 13:10 |
| S37 |      | S28 and S29                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2007/03/10 13:13 |

| S39 | 59327 | (comput\$3 calculat\$3) near<br>(throughput output)                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR . | ON | 2007/03/13 08:43 |
|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------|----|------------------|
| S40 | 16    | (data adj rates) near3 (expect\$3 predict\$3 estimat\$3) near (PER (packet adj error adj rate))                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR   | ON | 2007/03/16 17:00 |
| S41 |       | S39 and S40                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR   | ON | 2007/03/13 08:44 |
| S45 | 1     | (data adj rates) near3 (expect\$3 predict\$3 estimat\$3) near (PER (packet adj error adj rate)) and (frame adj size length) with (median average) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR   | ON | 2007/03/16 17:05 |
| S46 | 4     | (data adj rates) near3 (expect\$3 predict\$3 estimat\$3) near (PER (packet adj error adj rate)) and (frame adj size length) and (median average)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR   | ON | 2007/03/16 17:04 |
| S49 | 2     | "20030021243"                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR   | ON | 2007/03/19 11:58 |

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